

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3912	(347/5,131,254,49,14,47).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/15 09:32
S2	169	(printhead or "print head")and nozzle near (multiple or plurality) and "dot data"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/13 14:20
S3	14	S2 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/13 14:20
S4	299	(printhead or "print head")and nozzle near (multiple or plurality) and "dot data"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 09:22
S5	28	S4 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:27
S6	63200	("347").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/13 14:27
S7	243	S4 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/13 14:36
S8	2	("5,719,602").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/13 14:36

## EAST Search History

S9	43	(printhead or "print head")and nozzle near (multiple or plurality) and "dot data" and memory and (configurable or adjustable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 11:19
S10	63200	("347").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/13 15:35
S11	10	S9 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 15:35
S12	77199	(printhead or "print head")and nozzle near (multiple or plurality) and "dot data" and memory and (configurable or adjustable) or "non-volatile memory" or "non volatile memory"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 08:51
S13	817	S12 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 15:43
S14	3912	(347/5,131,254,49,14,47).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/13 15:43
S15	141	S12 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 15:43
S16	11482	printer adj controller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 12:10

## EAST Search History

S17	77199	(printhead or "print head")and nozzle near (multiple or plurality) and "dot data" and memory and (configurable or adjustable) or "non-volatile memory" or "non volatile memory"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 08:59
S18	3912	(347/5,131,254,49,14,47).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/14 08:51
S19	141	S17 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 08:51
S20	18	S16 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 08:52
S21	75729	(printhead or "print head")and nozzle near (multiple or plurality) and "dot data" and memory and (configurable or adjustable) or "non-volatile memory" or "non volatile memory" and (printer adj controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 09:04
S22	63200	("347").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/14 09:00
S23	813	S21 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 09:00
S24	140	S21 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 09:02

## EAST Search History

S25	24	(printhead or "print head")and nozzle near (multiple or plurality) and "dot data" and memory and (configurable or adjustable) and ("non-volatile memory" or "non volatile memory") and (printer adj controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 09:07
S26	5	S25 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 09:04
S27	45	(printhead or "print head")and nozzle near (multiple or plurality) and "dot data" and (printer adj controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 11:37
S28	15	S27 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 09:03
S29	2	("20040169692").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 10:16
S30	246	(printer adj controller) and (((printer adj module) or "printhead" or "prinheads" or "print head" or "print heads") near width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 10:21
S31	183	(printer adj controller) and (((printer adj module) or "printhead" or "prinheads" or "print head" or "print heads") near width) and memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 10:29
S32	63262	("347").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 10:22

## EAST Search History

S33	103	S31 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 10:26
S34	99	((printer adj module) or "printhead" or "printheads" or "print head" or "print heads") near width) and ("non-volatile memory" or (non adj volatile adj memory))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 10:31
S35	39	(printer adj controller) and (((printer adj module) or "printhead" or "printheads" or "print head" or "print heads") near width) and ("non-volatile memory" or (non adj volatile adj memory))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 11:38
S36	35	((printhead or "print head") near15 width)and nozzle near (multiple or plurality) and "dot data" and (printer adj controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 11:37
S37	8	S36 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 11:37
S38	3	((printer adj controller) near15 width) and (((printer adj module) or "printhead" or "printheads" or "print head" or "print heads") near width) and ("non-volatile memory" or (non adj volatile adj memory))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 12:09
S39	3	S38 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 11:39
S40	1111	(printer adj controller) and nozzles and ((plurality or multiple) near15 "printheads" or "print head" or "print heads" or "print head")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 12:15

## EAST Search History

S41	897	S32 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 12:13
S45	195	(print\$3 near width) with memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/15 14:45
S46	61	S45 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:07
S50	2	("6289240").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 11:16
S51	2	("20040169692").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:08
S52	0	("347"/\$.cc1s and (print adj head) same width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:13
S53	5034	((print adj head) same width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:11
S54	63262	("347").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:10

## EAST Search History

S55	2508	S53 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:10
S56	7686	((print near (head or module)) same (width or length))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:12
S57	3313	S56 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 12:12
S58	0	("347"/\$.ccls and ( print adj head) same width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 13:51
S61	2508	("347"/\$.ccls. and ( print adj head) same width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 13:52
S62	1019	("347"/\$.ccls. and ( print adj head) same width and nozzles and memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 13:55
S63	14	("347"/49.cccls. and ( print adj head) same width and nozzles and memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 13:57
S64	14	("347"/49.cccls. and (( print adj (head or module)) same width) and nozzles and memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 13:58

## EAST Search History

S65	6	("347"/49.ccls. and (( print adj (head or module) with width) and nozzles and memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 14:03
S66	6	("347"/49.ccls. and (( print adj (head or module) with width) and ((different or multiple or plurality) with nozzles) and memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 14:05
S68	515	("347"/\$.ccls. and (( print adj (head or module) with width) and ((different or multiple or plurality) with nozzles) and memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 15:37
S71	1	"printer module widths"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/16 15:50
S72	1796	(printhead or "print head" or "printheads" or (print adj module)) near width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/16 15:57
S74	484	(printhead or "print head" or "printheads" or (print adj module)) adj width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/16 15:57
S75	1	("6857724").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/23 09:15
S76	589	((printhead or "print head") near width) and nozzle near (multiple or plurality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 09:24

## EAST Search History

S77	63367	("347").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/23 09:24
S78	516	S76 and S77	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 09:24
S79	57988	(different difference unequal multiple "not equal") near width\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 09:25
S80	46	S79 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 10:37
S81	2	("5719602").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/09 15:18
S82	2	("20040169692").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/26 09:15
S83	75550	"non-volatile" near memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/26 09:20
S84	63367	("347").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/26 09:16

## EAST Search History

S85	812	S83 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/26 09:17
S86	13176	printer near controller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/26 09:17
S87	125	S86 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/26 09:17
S88	29	("non-volatile" near memory) near (printhead or "print head")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 16:07
S89	20	S88 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/26 09:20
S90	0	("non-volatile" near memory) near ((printhead or "print head") near width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/26 10:03
S91	115	"347"/\$.ccls. and (controller with (order time set sequence plan adjust align) with (width range girth distance thick thickness measure) with data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 17:36
S92	60	"347"/\$.ccls. and (controller with (order time set sequence plan adjust align) with (width) with data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 14:53

## EAST Search History

S93	3	"347"/\$.ccls. and (controller with (order time set sequence plan adjust align) with (width) with data) with (print adj head)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 14:55
S94	55	"347"/\$.ccls. and (controller same (order time set sequence plan adjust align) same (width) same data) same (print adj head)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 14:56
S95	90	"347"/\$.ccls. and (controller with (supply near10 data) same (width size))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 15:58
S96	2	("20020158934").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 16:03
S97	19	"347"/\$.ccls. and ("non-volatile" near memory) with (print adj head) with (stor\$4 near10 (value data information))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/07 11:22
S98	20	"347"/\$.ccls. and ((non adj volatile "non-volatile") near memory) with (print adj head) with (stor\$4 near10 (value data information))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 16:08
S99	1	jp-01216852-\$ did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 17:17
S100	1913	"347"/\$.ccls. and ((print adj head) with (plurality different many multiple variety) with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/13 17:38

## EAST Search History

S10 1	150	"347"/\$.ccls. and ((print adj head) with (plurality different many multiple variety) with nozzle) with (select\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 08:33
S10 2	32	"347"/\$.ccls. and ((print adj head) near (plurality different many multiple variety) with nozzle) with (select\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 08:33
S10 3	4	347/49.ccls. and (multiple many different plurality) near10 (width near10 module)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 10:56
S10 4	4	347/49.ccls. and (multiple many different plurality) same (width near10 module)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 09:36
S10 5	10	347/49.ccls. and (multiple many different plurality) same (width same module)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 09:36
S10 6	48	"347"/\$.ccls. and (multiple many different plurality) near10 (width near10 module)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 09:40
S10 7	2	("5221397").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/15 09:40
S10 8	513	347/49.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 09:52

## EAST Search History

S11 1	5	347/49.ccls. and (module near width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 09:50
S11 2	134	347/49.ccls. and module	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 10:14
S11 3	2	("6874863").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/15 10:14
S11 4	4	("5469199"   "6394579"   "6530647"   "6742866").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/15 10:25
S11 5	2	("20040119780").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/15 10:36
S11 6	2	("6530647").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/15 10:37
S11 7	2	("6742866").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/15 10:40
S11 8	2	("6394579").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/15 10:40
S11 9	4	("5469199"   "6394579"   "6530647"   "6742866").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/15 10:45

## EAST Search History

S12 0	0	347/49.ccls. and (multiple many different plurality) near10 (width near10 (print adj head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 10:56
S12 1	182	"347"/\$.ccls. and (multiple many different plurality) near10 (width near10 (print adj head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 11:14
S12 2	1632	"347"/\$.ccls. and (width near10 (print adj head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 11:15
S12 3	566	"347"/\$.ccls. and (width near (print adj head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 11:15
S12 4	14	"347"/\$.ccls. and (width near (print adj head)) with different	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 11:48
S12 5	14	"347"/\$.ccls. and ((size measurement girth thickness thick) near (print adj head)) with different	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 11:41
S12 7	0	"347"/\$.ccls. and ((size measurement girth thickness thick) near (print adj head)) with multiple	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 11:41
S12 8	4719	"347"/\$.ccls. and ((print adj head)) with (multiple many plurality different)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 11:41

## EAST Search History

S12 9	209	"347"/\$.ccls. and ((size measurement girth thickness thick) near15 (print adj head)) with different	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 11:42
S13 0	2	"347"/49.ccls. and (width near15 ((print adj head) module)) with different	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 11:49
S13 1	8	"347"/49.ccls. and (width same ((print adj head) module)) same different	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 11:51
S13 2	546	"347"/\$.ccls. and (width same ((print adj head) module)) same different	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 12:04
S13 4	13	"347"/49.ccls. and ((width amplitude area broadness measure diameter distance expanse extent girth measure range reach scope span stretch thickness wideness) near15 ((print adj head) module)) same different	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 12:08
S13 5	1031	"347"/\$.ccls. and ((width amplitude area broadness measure diameter distance expanse extent girth measure range reach scope span stretch thickness wideness) near15 ((print adj head) module)) same different	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/15 12:08
S13 6	208	"347"/\$.ccls. and ((order same time same (width wideness thickness broadness broad diameter area range span))) with ((print adj head) module (record\$3 adj head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 17:25
S13 7	136	"347"/\$.ccls. and ((order same time same (width wideness thickness broadness broad diameter range span))) with ((print adj head) module (record\$3 adj head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 17:34

## EAST Search History

S13 8	8	"347"/\$.ccls. and ((order with time with (eject\$3 supply) and (width wideness thickness broadness broad diameter range span))) with (multiple different many second) with ((print adj head) module (record\$3 adj head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 17:37
S13 9	1327	"347"/\$.ccls. and (width wideness size wide) with (multiple different many second) with ((print adj head) module (record\$3 adj head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 18:08
S14 0	1972	"347"/\$.ccls. and (unequal equal) with ((print adj head) module (record\$3 adj head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 18:00
S14 1	136	"347"/\$.ccls. and (unequal equal) near ((print adj head) module (record\$3 adj head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 18:02
S14 2	4	"347"/\$.ccls. and (unequal) near ((print adj head) module (record\$3 adj head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 18:02
S14 3	500	"347"/\$.ccls. and (width wideness size wide length) near5 (multiple different many second) near5 ((print adj head) module (record\$3 adj head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 18:09
S14 4	33	"347"/\$.ccls. and (width wideness size wide length) near (multiple different many second) near ((print adj head) module (record\$3 adj head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 08:52
S14 5	1243	"347"/\$.ccls. and (width wideness size wide length) with (multiple different many second) near10 ((print adj head) module (record\$3 adj head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 09:09

## EAST Search History

S14 6	87	"347"/40.ccls. and (width wideness size wide length) with (multiple different many second) near10 ((print adj head) module (record\$3 adj head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 09:47
S14 7	1056	"347"/40.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 10:10
S14 8	666	"347"/13,42.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 10:10
S14 9	74	"347"/13,42.ccls. and (width length wide size) with ((print adj head) module (record\$3 adj head)) with (different many multiple)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 10:12
S15 0	2	("20040183843").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/07 10:12
S15 1	45	"347"/\$.ccls. and ((non adj volatile) near5 memory) with (print adj head) with (stor\$4 near10 (value data information identification identify type))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 11:27
S15 2	25	"347"/\$.ccls. and ((non adj volatile) near5 memory) with (print adj head) with (stor\$4 near10 (value data information identification identify type)) and (different multiple many) near (print adj head)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 11:28